

GRAVITY AND MAGNETISM IS THERE A GEOMETRIC RELATIONSHIP?

by Rei Stark and Michael Stavrou

The Research of Thomas Watson

Retired draughtsman Tom Watson, who lives in Geelong in Victoria, Australia, has developed an interesting theory that adds some lift to the traditionally heavy topic of gravity.

There is a growing interest in anti-gravity: surely there has to be a more elegant way to escape the Earth than by using rockets! What is gravity? The existence of UFOs stimulates many theories.

Tom Watson served in the RAAF for 12 years as a sergeant draughtsman. In 1981, while visiting Ballarat, Victoria, Tom,

along with some other people, observed what he now believes to be a UFO. His fascination with the craft's strange movements led him to research gyroscopes, circular motion, gravity and anti-gravity.

His work has uncovered intriguing evidence which suggests that a resonant relationship exists between atomic structure, electricity, solar winds, the Earth's magnetic fields, rotation, and gravity itself.

Tom believes that a unique combination of gyroscopic forces can exhibit a measurable anti-gravity effect. His several years of research point to a finely-tuned relationship between a gyroscope's speed, the Earth's spin, magnetic fields and gravity. Defining the resonance of these interlocking systems could eventually make full lift-off achievable, he contends.

This paper describes a simple experiment

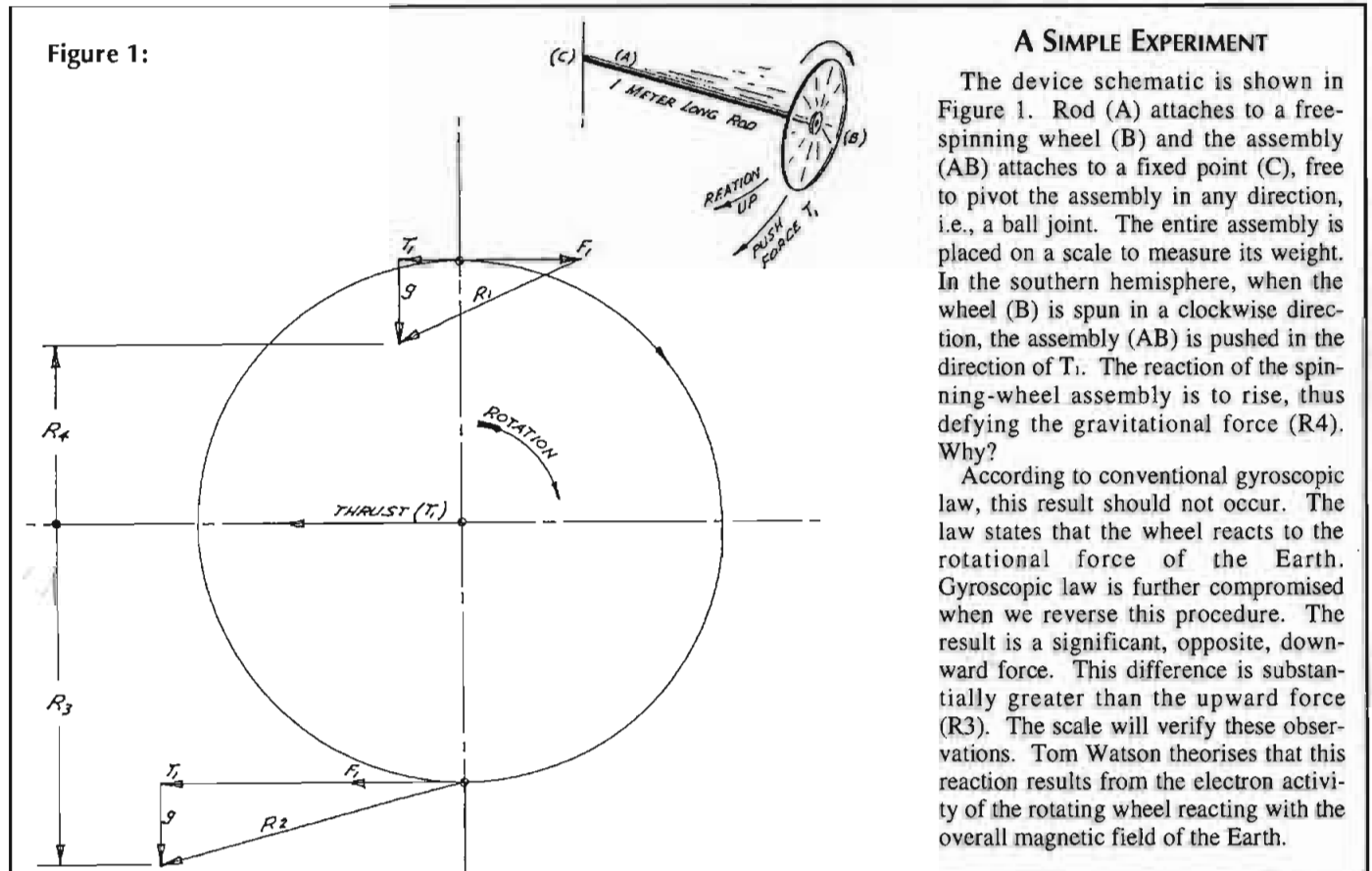
that you can try (see below), which reveals an effect contrary to established scientific belief. The experiment is based on Tom's own proprietary working prototype.

Documentation of Test Results

On 15 February 1993, Hawker DeHavilland of Melbourne tested one of Tom's early devices that delivered 5.7 pounds of lift, even with a troublesome DC-motor mounting. The motor mounting was accidentally broken while being transported from the car to the test site. They repaired the bracket and, after losing an hour, continued with the test—with only seven DC motors operating on full power.

Hawker DeHavilland was disappointed but still tested the configuration and made the appropriate corrections. A surprising surge of weight-loss was initiated when the

Figure 1:



A SIMPLE EXPERIMENT

The device schematic is shown in Figure 1. Rod (A) attaches to a free-spinning wheel (B) and the assembly (AB) attaches to a fixed point (C), free to pivot the assembly in any direction, i.e., a ball joint. The entire assembly is placed on a scale to measure its weight. In the southern hemisphere, when the wheel (B) is spun in a clockwise direction, the assembly (AB) is pushed in the direction of T_1 . The reaction of the spinning-wheel assembly is to rise, thus defying the gravitational force (R_4). Why?

According to conventional gyroscopic law, this result should not occur. The law states that the wheel reacts to the rotational force of the Earth. Gyroscopic law is further compromised when we reverse this procedure. The result is a significant, opposite, downward force. This difference is substantially greater than the upward force (R_3). The scale will verify these observations. Tom Watson theorises that this reaction results from the electron activity of the rotating wheel reacting with the overall magnetic field of the Earth.

outer wheels rotated near 600 rpm. This caused a stir amongst viewing scientists.

Although lack of funds halted the project, Tom continues his research into Earth-gravity-magnetic connections and has produced a manuscript, with associated diagrams, detailing his theory.

Factors Supporting Watson's Theory

Tom Watson postulates that, "When two magnets are held together with like-poles repelling, by twisting them to just over 78 degrees they begin to attract until they find the neutral point or magnetic null zone at 90 degrees. Is it a coincidence that the Earth's geophysical tilt angle is approxi-

mately 23.4 degrees?

"When the solar wind, made of high-energy particles, interacts with the geomagnetic field, it forms a huge bubble with a long shadow-stream behind and around the Earth. The Earth's magnetic field combines with the changing solar wind, creating what is called the magnetosphere, which extends thousands of kilometres around us and protects us from the Sun's high-energy radiation.

"Solar winds, the Earth's geomagnetic field, electric fields and gravity change by the minute. They are related. They affect one another. They resonate. The exact correlation of these events is unknown and

warrants further study," Tom proposes.

Computer-generated models of these forces reveal a positive connection between known gravitational values and the magnetic constant of 9.109534×10^{31} kg. The gyroscopic frequency of Earth has a direct relationship with this value, or very close to it, i.e., $9.1116243 \times 1400 = 12,756.274$ km = Earth's diameter at the Equator.

The Next Step

Tom Watson is currently looking for a company (preferably Australian) interested in and capable of commercialising the principles he has established.



This experimental 61-kilogram (135-pound) disc-shaped model houses a main horizontal motor (gyro assembly) with eight outer heavy-metal rims with fibreglass surrounding the gyro. Each of these has individually-powered DC motors. This model produced 5.7 pounds of lift in 1993. On 3 October 1993, this unit achieved 14 pounds of weight-loss while measuring 78.212 foot-pounds of increased torque with no increase in the main motor assembly. During this test, the DC motors produced a resonant sound while running at their maximum speed of 51.209 to 77.07 rpm. This model ran for three minutes at full power before gearbox difficulties terminated the test.

Electrons, Magnetism and Gravity

Tom Watson believes that a mechanical representation of this gravitational-magnetic connection lies within the flywheel. If the flywheel axle is held vertically and then sharply thrust forward in any direction, the wheel's southern hemisphere slowly rotates clockwise. The kinetic energy is converted to mechanical rotation. Why?

He concludes that if mass is made of atoms, and atoms have electrons that are directly associated with the magnetic orbit around the nucleus of the atom, then the association is a reaction to the Earth's total magnetic field.

Tom says, "The solar wind from the Sun reacts with the Earth's magnetic field and reaction spin, giving the Earth its approximate 23.4-degree axis shift." He speculates that this interaction of magnetic fields causes what is called gravity.

He believes that gravitational force is the resultant of interacting magnetic forces of the Earth and Sun, coupled with the Moon's and related planetary effects from our own solar system as well as stellar effects associated with our galaxy. This total combination equals the approximate one-degree of magnetic correction required to generate the gravitational values here on Earth. This reaction gives the Earth its axis deflection of 23.4393 degrees (the acceptable tilt value to the year 2000), with a small deflection from the Moon's magnetic field.

His concept of linking magnetics with gravity led him to a fresh approach in using existing, proven formulae, and he has achieved acceptable results within three decimal places. The formulae have been compiled from his existing knowledge of geometry and angular momentum forces and is associated with the Equinox time factor. The formulae also determine the acknowledged values for gravity at sea-level and all altitudes. Any variation in the environmental gravity value is because of differences in local mineral composition. These determine the local environment gravity acceleration values, i.e., the magnetic attraction effect.

The magnetic force of the Earth radiates outward and some electromagnetic forces of the Sun radiate towards the Earth, creating a 'bottle' known as the magnetosphere. As a result, the Earth's magnetic field combines with the Sun's magnetosphere to create a 'shell' around us. This magnetosphere shell reflects back the Earth's magnetic fusion zone, as Tom calls it. The returned force spirals towards Earth and its magnetic component changes, creating what is called gravity. This change can be detected by sophisticated instruments.

Tom believes that the upward force counteracted by the downward force gives the resultant force called 'gravity'—a net value of 9.778 m/s/s. With his gyroscopes he has accidentally discovered some type of resonant relationship between these inertial fields.

We see another explanation for gravity as the net effect of two opposing forces. It is the result of an inertial process caused by the spin of the Earth, and it is also the effect of the ellipsoid shape of the Earth—the greater the flattened sphere or ellipsoid, the greater the gravity. Inertial force curls in on itself and is reflected, creating the Earth's 'doughnut' or concentric shell shape. Gravity is thus the result of the net equilibrium of Earth-mass spin and inertial forces. The Earth's gravitational field has periodic fluctuations, thereby making gravity relatively very slow and low in frequency at various places—thus, we speculate, making it possible for negative-ion-drive propulsion systems to work within this field.

Directions for the Future

We asked Tom to conjecture. "The Great Pyramids of Egypt provide further evidence of a relationship between these forces," he stated.

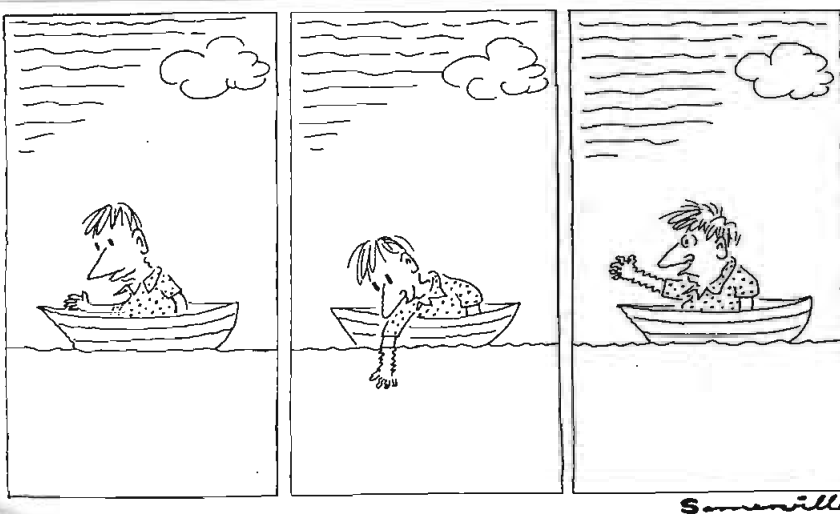
"I believe it is time that the governments of the world got together and made a forward step to unite the world instead of segregating the countries. We will have a great life together if we work towards this goal in harmony. It will be God's wish too, I'm sure, as he has been with us since the birth of our system. How do I know?"

"Look at the Great Pyramid. It has been trying to tell the scientific community that the angle of the Great Pyramid (51 degrees, 51 minutes and 41.31 seconds) is 'harmonic' to the electron mass (9.1093897533-31 c.g.s.).

"The solution is a simple construction of the harmonic, 50 degrees, which, when generated within a circle, creates an equilateral triangle. This is the direction science should venture into.

"How were five-ton stones lifted into their accurate positions, as described in many Great Pyramid books? I believe the stones were lifted with a mechanism such as, for want of an understood term, an 'anti-gravity machine' designed to transfer heavy objects over large distances.

"I believe the Egyptians knew of the relationship between electrons and magnetism," he added with a smile.



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